

Title (en)  
A METHOD FOR MANUFACTURING A SEMI-FINISHED LENS BLANK

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER HALB-FERTIGEN ROHLING LINSE

Title (fr)  
PROCÉDÉ DE FABRICATION D'UNE LENTILLES SEMI-FINIE

Publication  
**EP 2893393 A2 20150715 (EN)**

Application  
**EP 13771406 A 20130906**

Priority  
• EP 12306083 A 20120907  
• EP 2013068431 W 20130906  
• EP 13771406 A 20130906

Abstract (en)  
[origin: WO2014037482A2] A method for determining a progressive ophthalmic lens comprising a near and a far vision area, a main meridian separating the lens into a nasal and a temporal area, the method comprising: determining a first and a second surface of the lens; determining the second surface to provide, in combination with the first surface, the vision correcting properties; determining a spherical area on the first surface of the lens having a constant sphere value and including a far vision diopter measurement position, wherein the far and a near vision diopter measurement position have substantially the same mean sphere value; and determining the first surface to reduce the lens distortion by defining a toric area extending outside the spherical area on the first surface in at least one of the nasal and the temporal area, wherein characteristics of the toric area are related to the lens astigmatism.

IPC 8 full level  
**G02C 7/06** (2006.01)

CPC (source: CN EP US)  
**G02C 7/027** (2013.01 - US); **G02C 7/028** (2013.01 - CN EP US); **G02C 7/066** (2013.01 - US); **G02C 7/068** (2013.01 - CN EP US);  
**G02C 2202/02** (2013.01 - CN EP US); **G02C 2202/08** (2013.01 - CN EP US)

Citation (search report)  
See references of WO 2014037482A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014037482 A2 20140313; WO 2014037482 A3 20140626**; BR 112015004350 A2 20170704; BR 112015004350 A8 20180814;  
BR 112015004350 B1 20220607; CN 104620160 A 20150513; CN 104620160 B 20160907; EP 2893393 A2 20150715;  
EP 2893393 B1 20190724; US 2015219924 A1 20150806; US 9557578 B2 20170131

DOCDB simple family (application)  
**EP 2013068431 W 20130906**; BR 112015004350 A 20130906; CN 201380046523 A 20130906; EP 13771406 A 20130906;  
US 201314426441 A 20130906